

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

1/18

FIG. 1A PRIOR ART

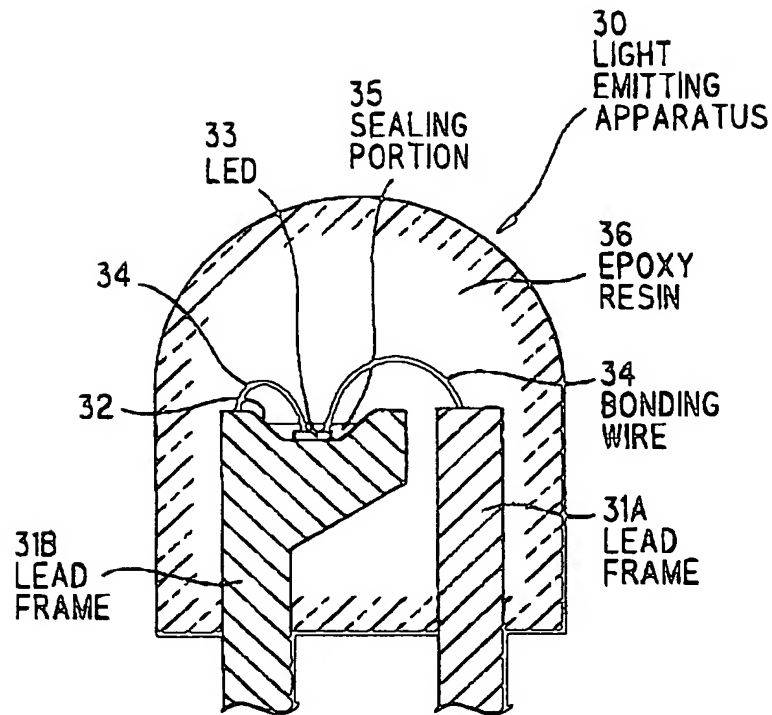
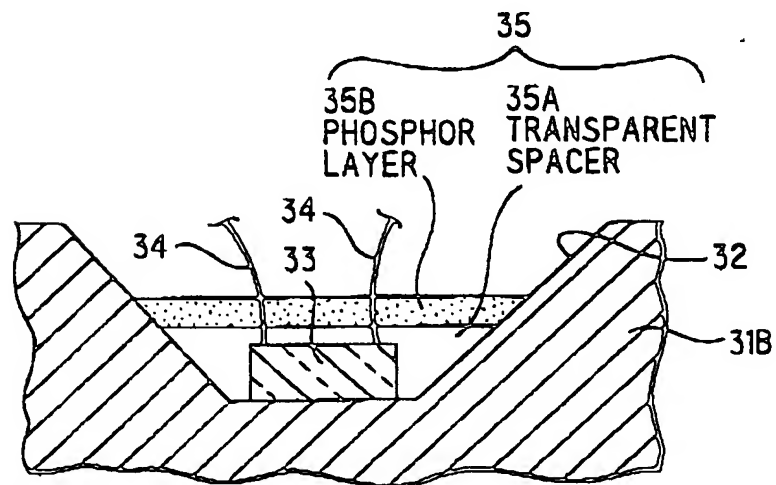
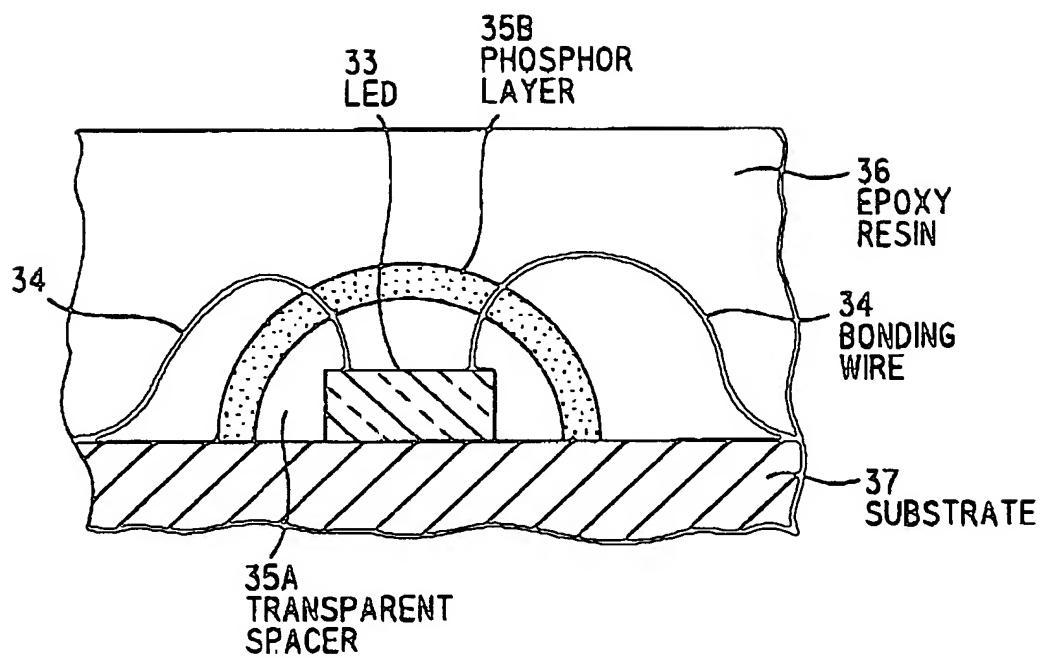


FIG. 1B PRIOR ART

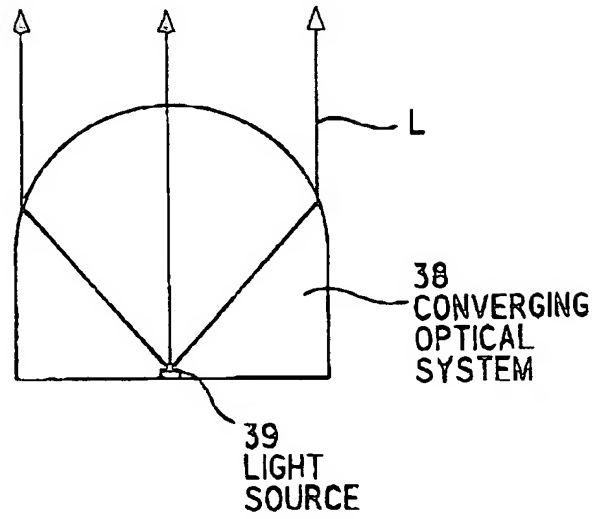
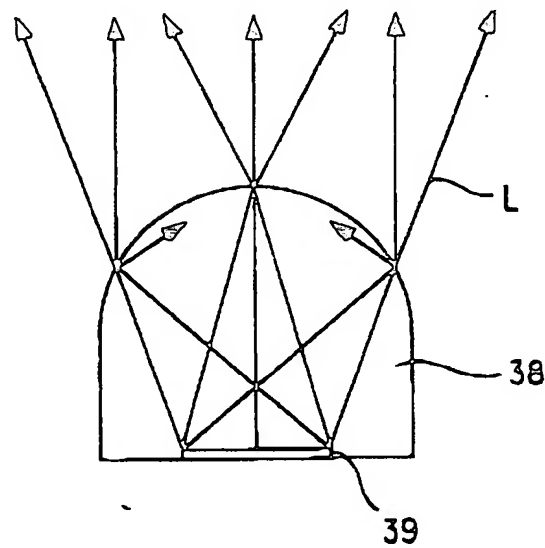


2/18

FIG. 2 PRIOR ART



3/18

FIG. 3A PRIOR ART*FIG. 3B PRIOR ART*

4/18

FIG. 4A PRIOR ART

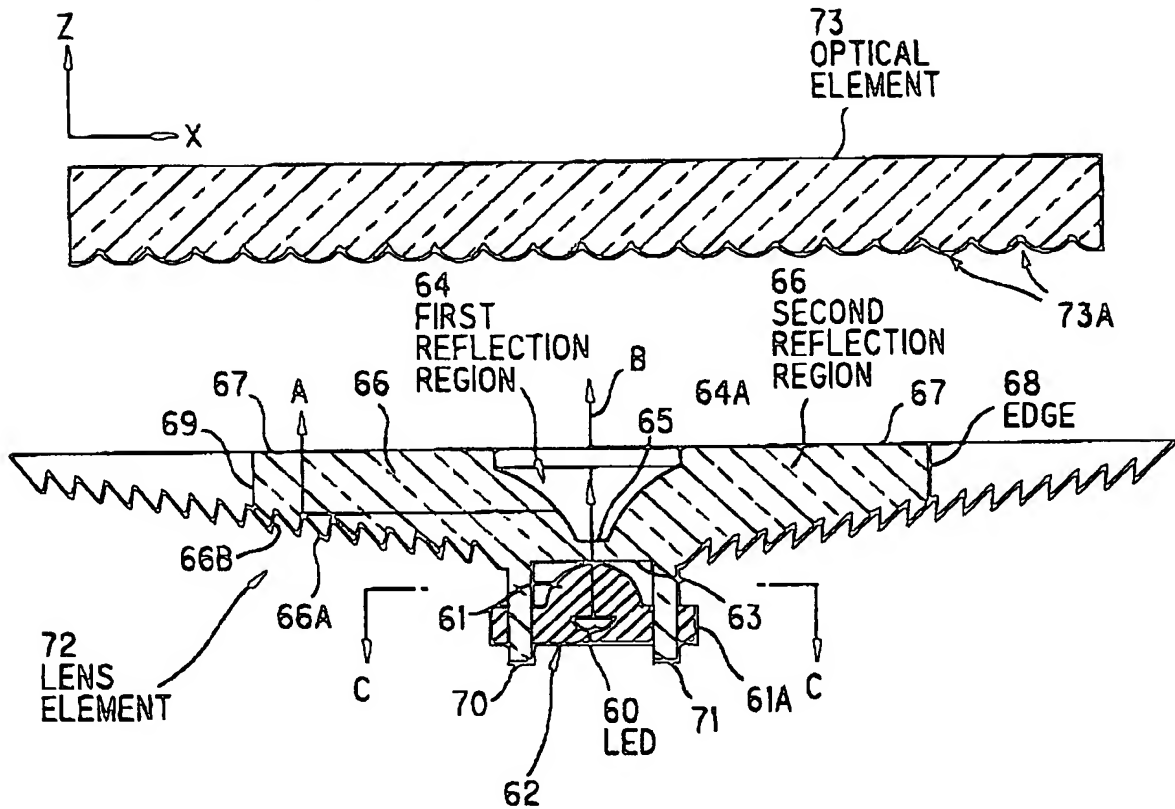
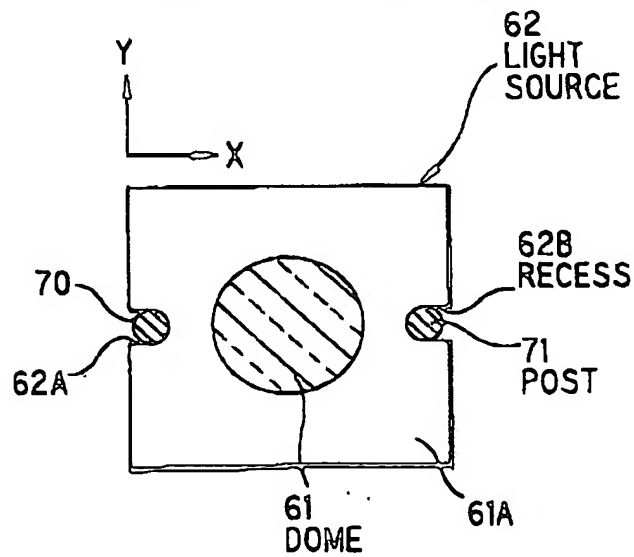
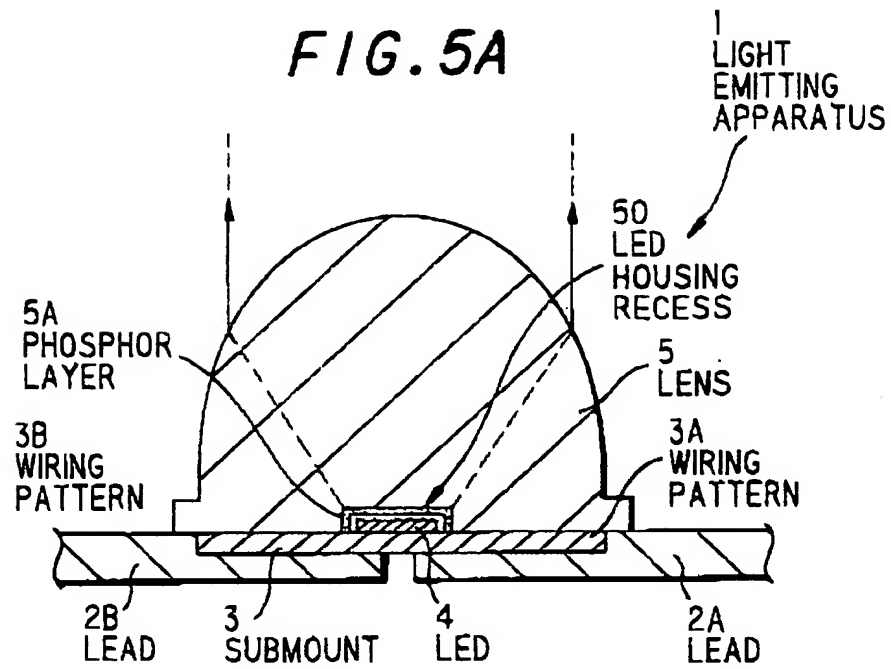
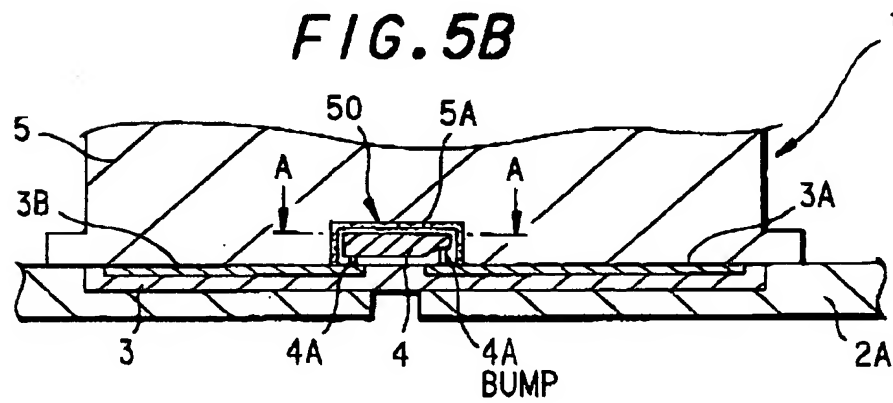
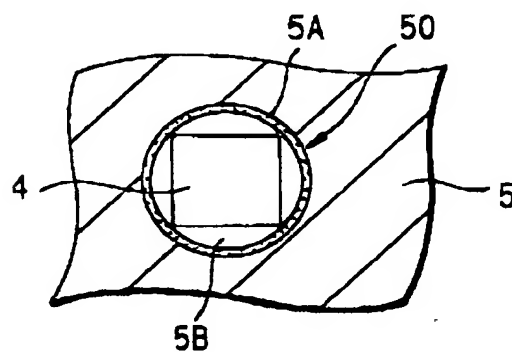


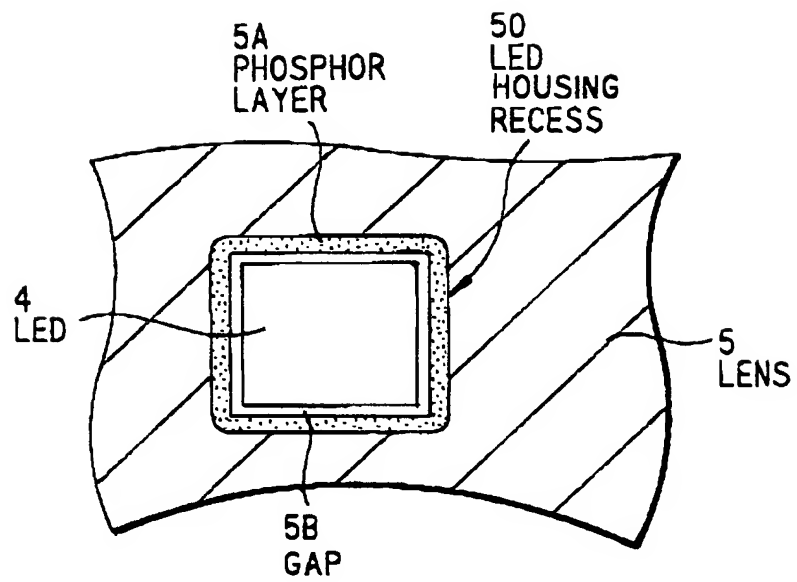
FIG. 4B PRIOR ART



5/18

FIG. 5A**FIG. 5B****FIG. 5C**

6/18

FIG. 6

7/18

FIG. 7A

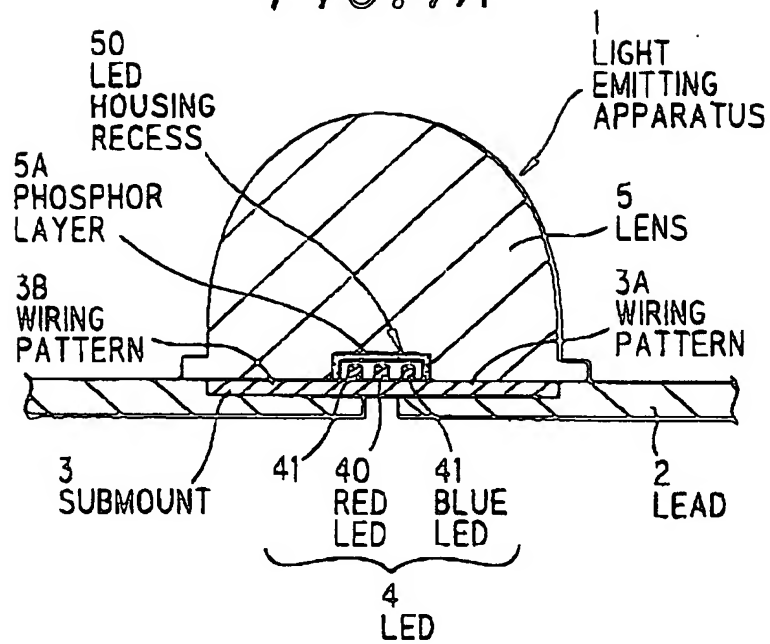


FIG. 7B

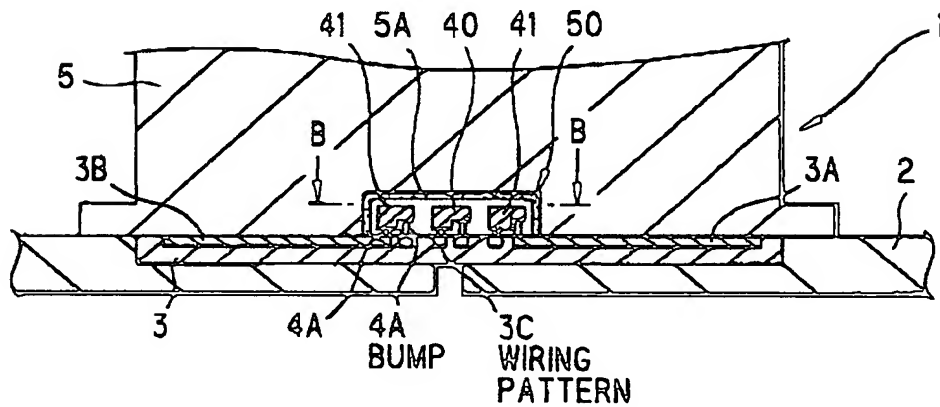
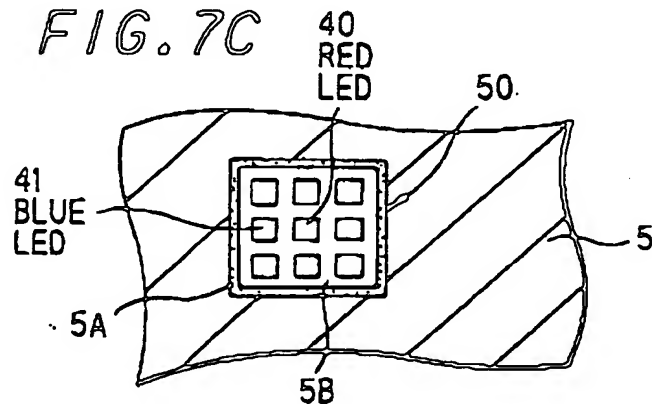


FIG. 7C



8/18

FIG. 8A

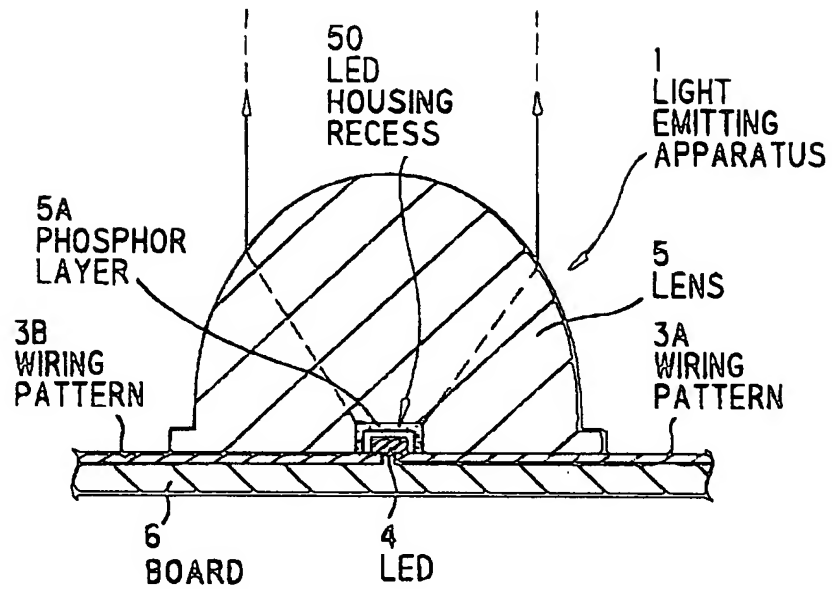
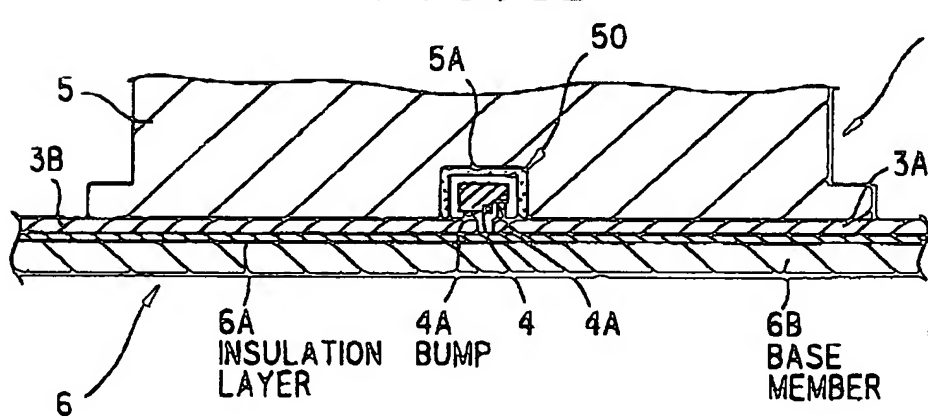


FIG. 8B



9/18

FIG. 9

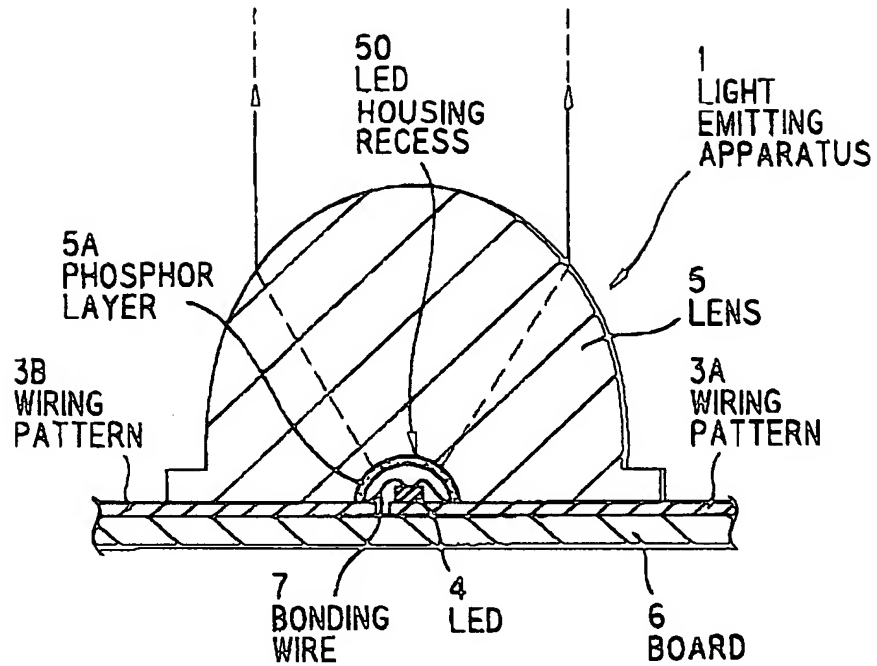
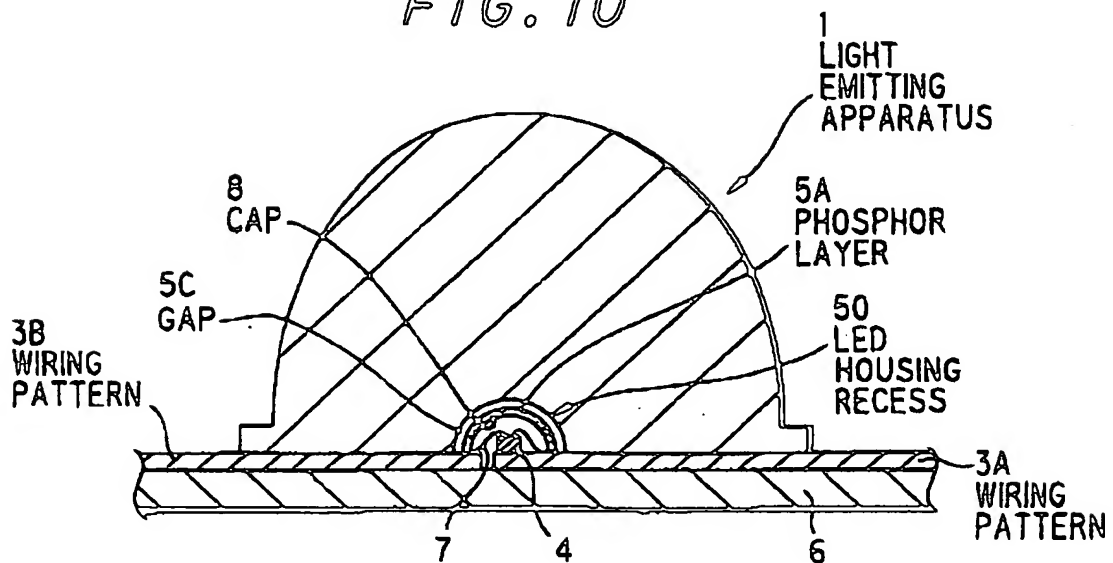


FIG. 10



10/18

FIG. 11

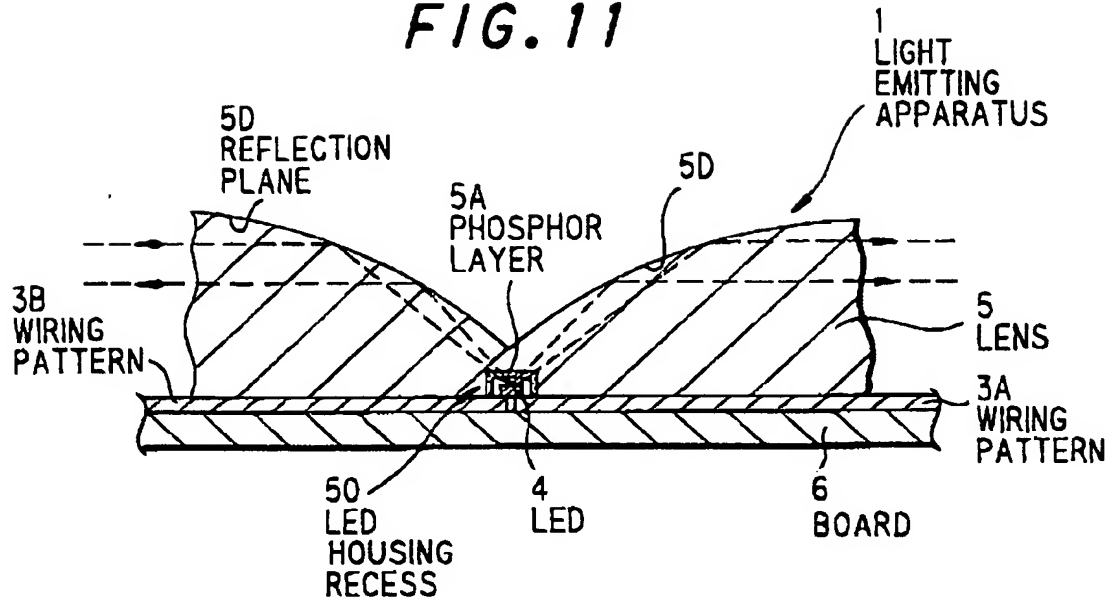
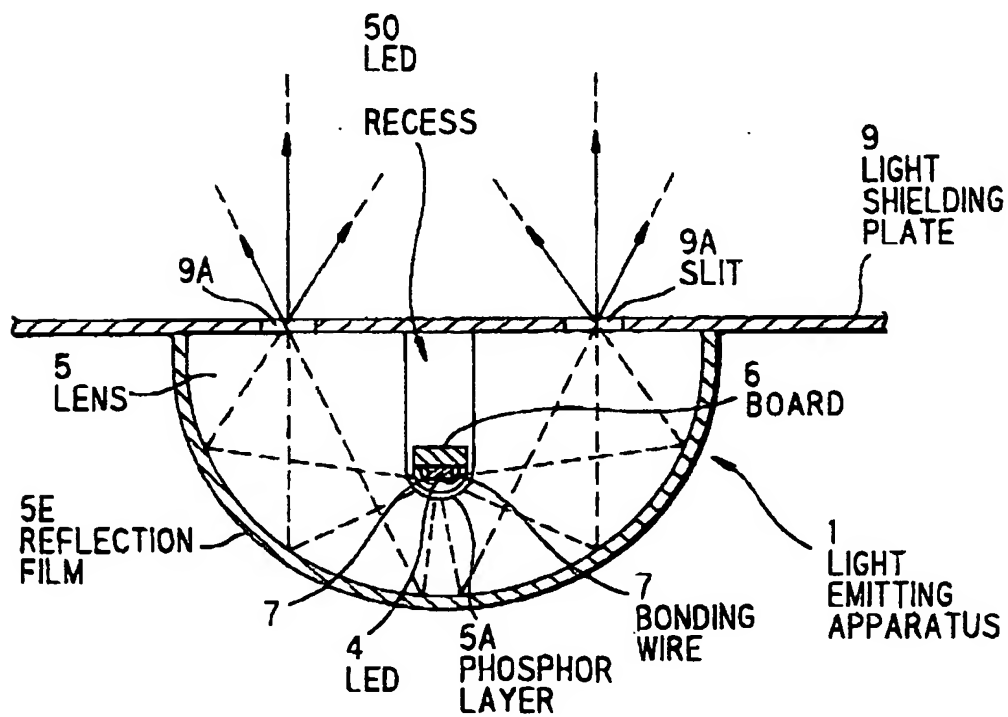
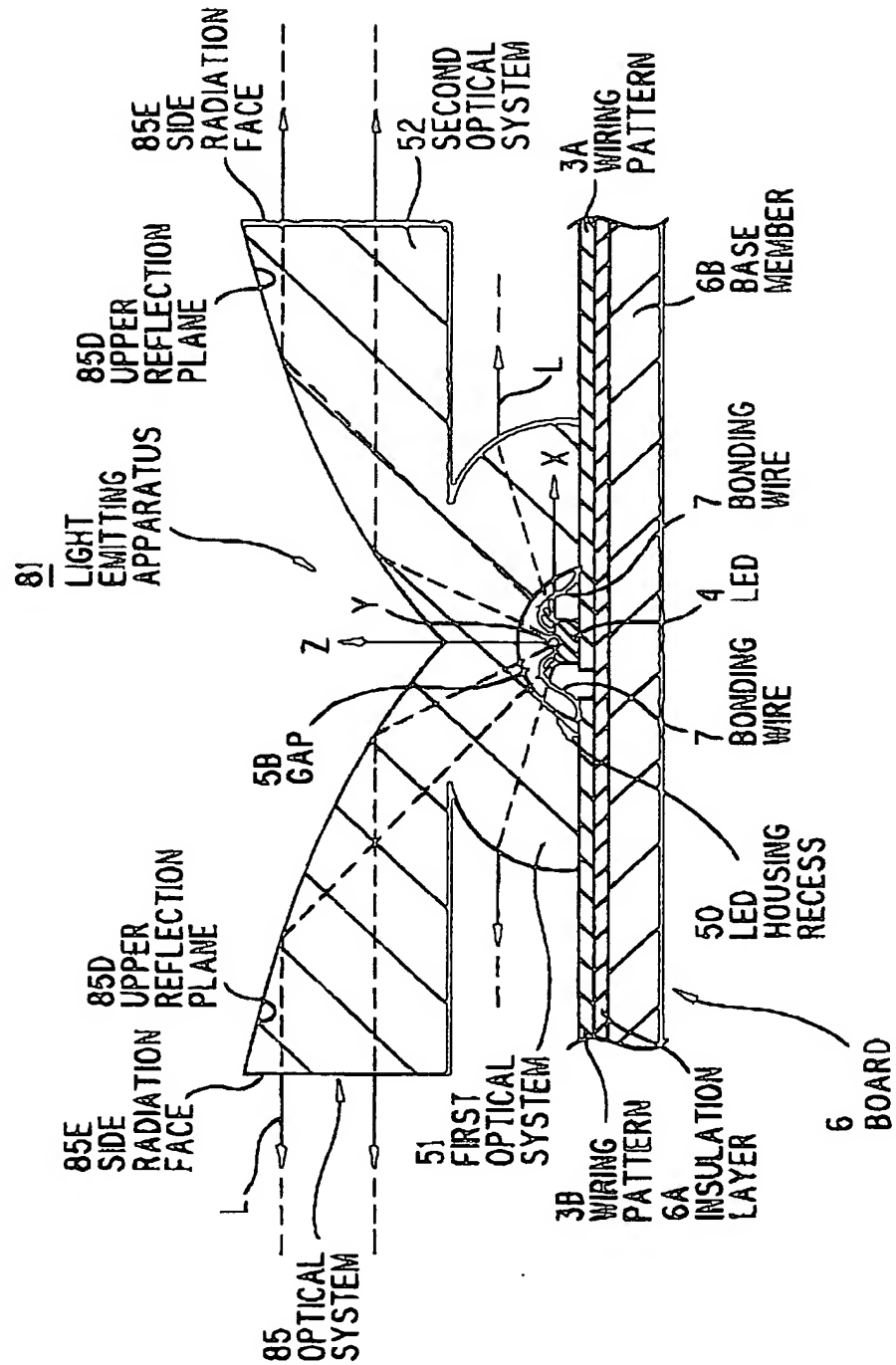


FIG. 12



11/18

FIG. 13



13/18

FIG. 15A

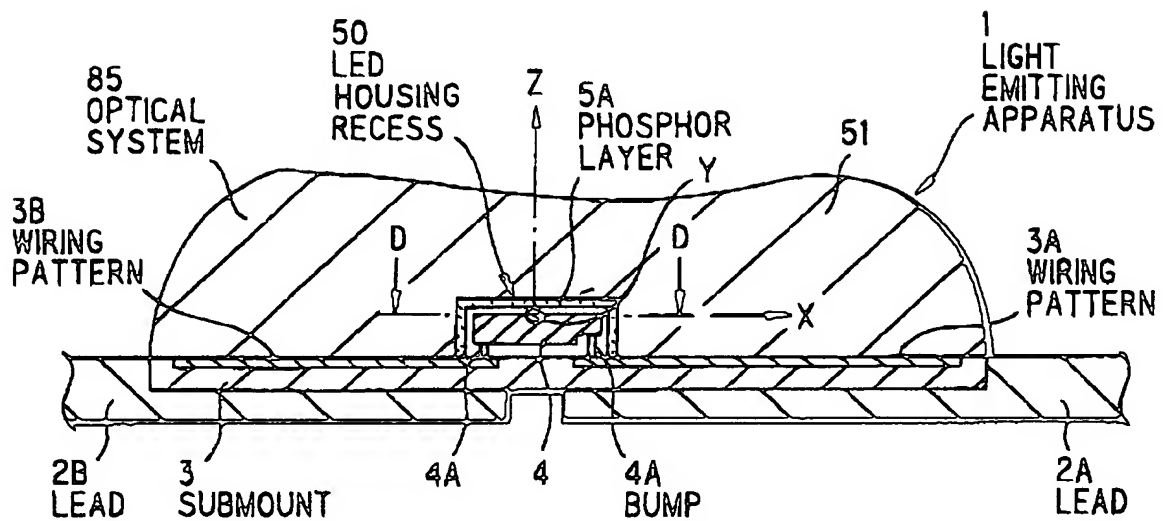
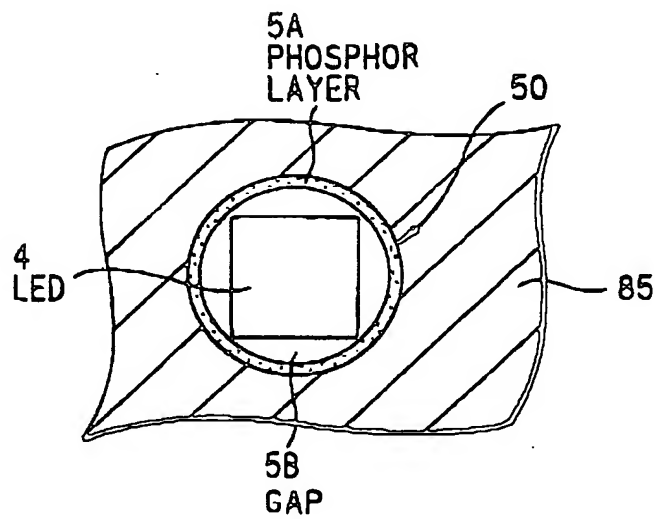
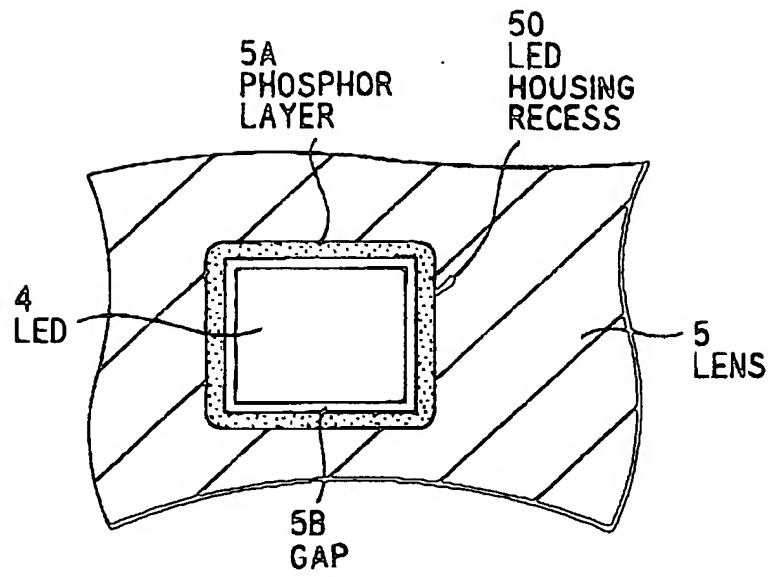


FIG. 15B



14/18

FIG. 16



15/18

FIG. 17A

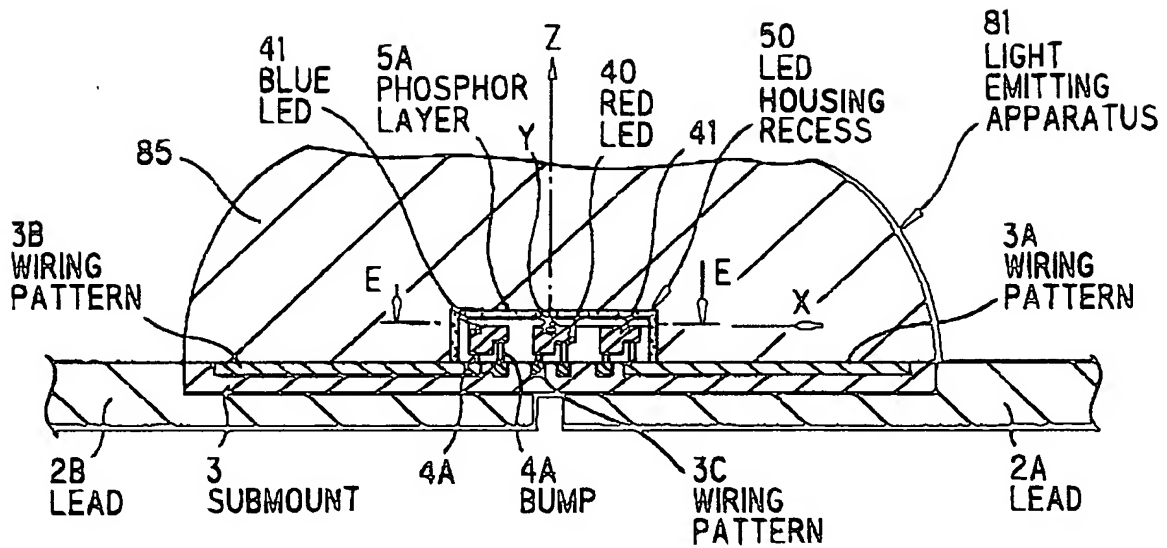
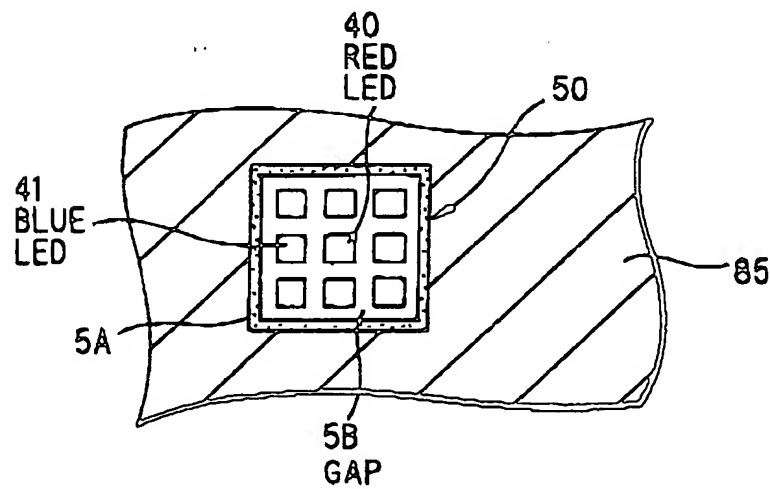
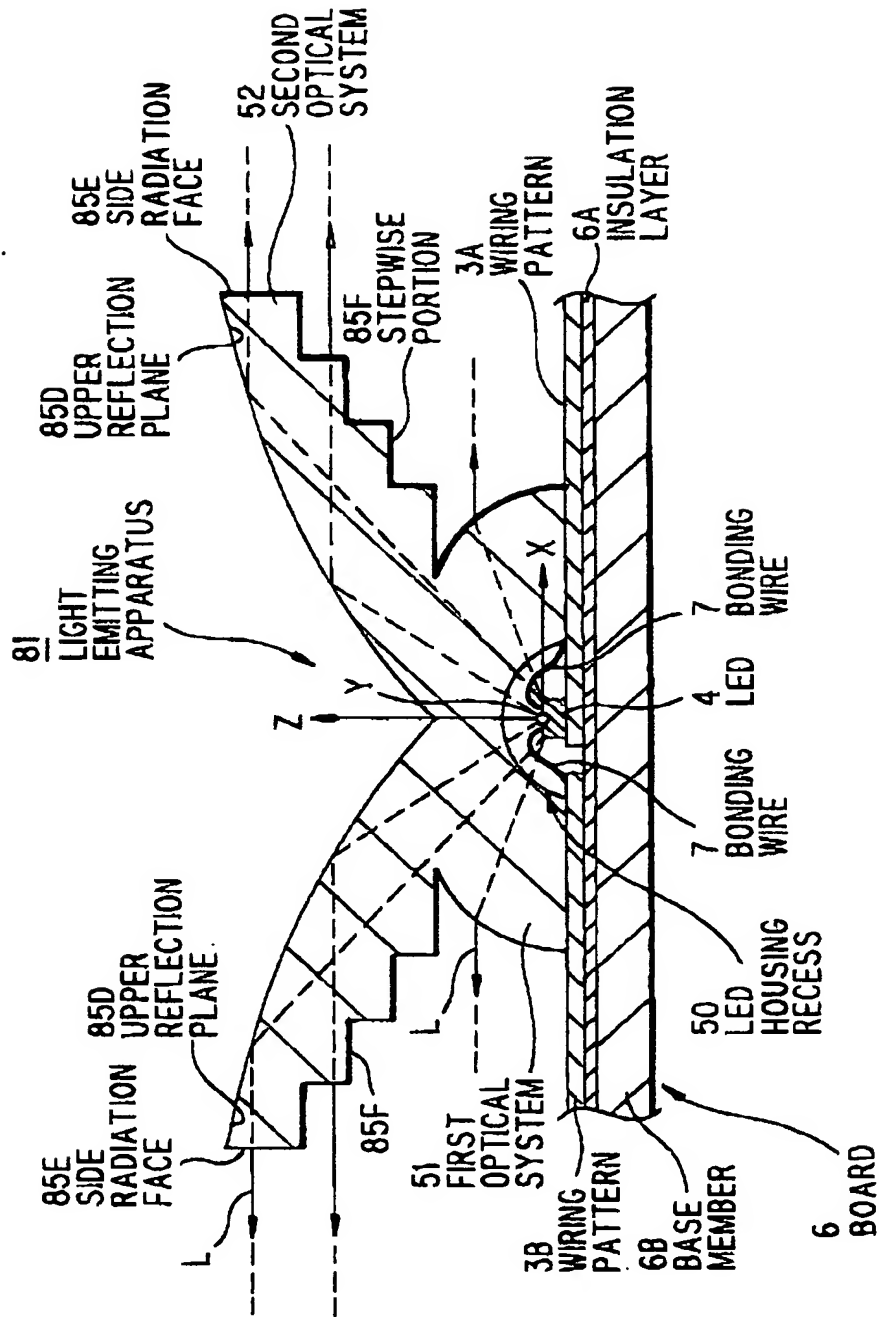


FIG. 17B



16/18

FIG. 18



17/18

FIG. 19A

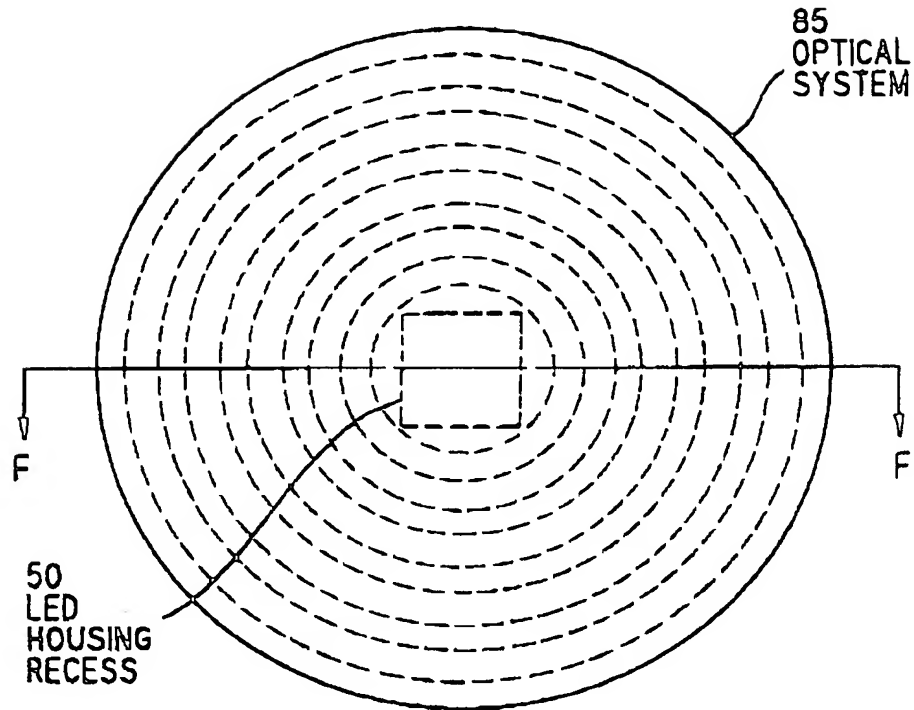
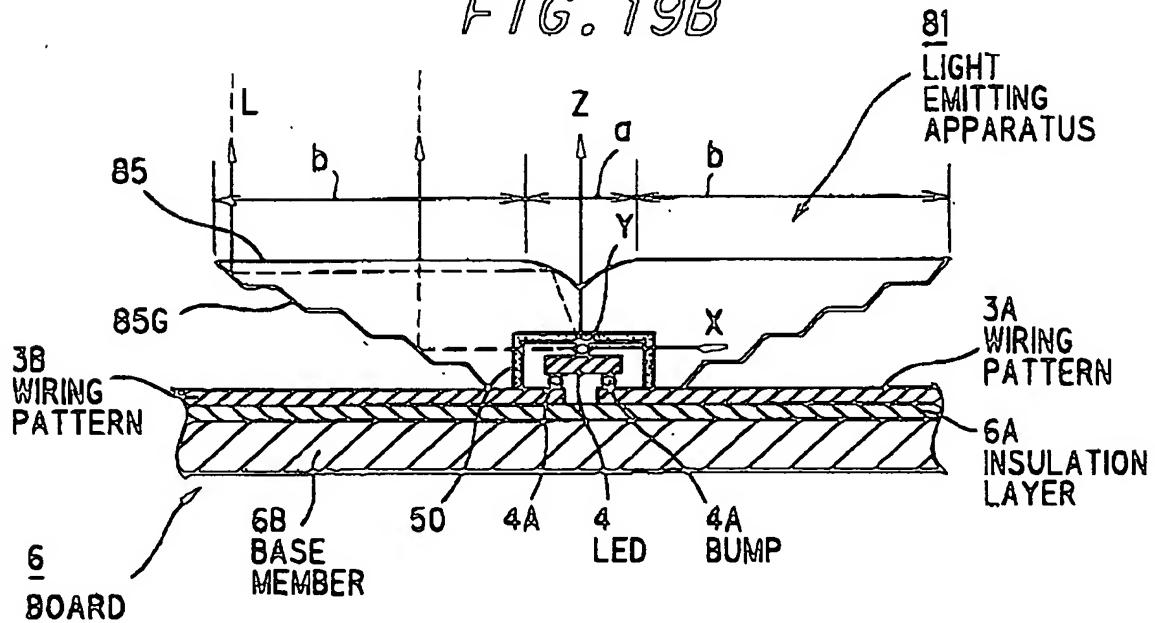


FIG. 19B



18/18

FIG. 20A

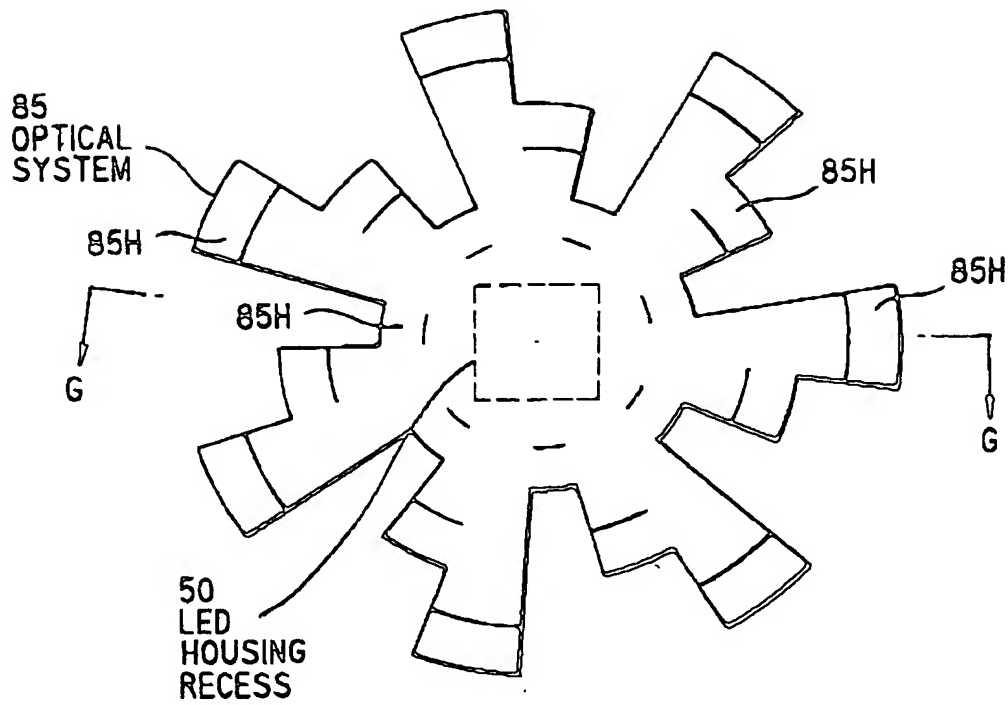


FIG. 20B

